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OT LESS			Application Number	10/517,56	9			,
TR	ANSMITTAL		Filing Date	December	r 9, 2004			
	FORM		First Named Inventor	Alexander	J. Patleni	berg		
			Art Unit					
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	Pages in This Submission	g/	Attorney Docket Number	59785-21				
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Amendm. A A A Extensior Express A	smittal Form se Attached ent/Reply fiter Final fifidavits/declaration(s) of Time Request Abandonment Request on Disclosure Statement		Drawing(s) Licensing-related Papers Petition Petition to Convert to a rovisional Application conver of Automy, Revocal- change of Correspondence reminal Disclaimer Request for Refund DO, Number of CD(s) Landscape Table on (Address	Refe	Appea of Appea (Appea Propri Status Other below /SB/08	, IDS Form (5 pgs.); Cited (58 Cited - 31 Attached); Retu	
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	SIGNA	TURE O	F APPLICANT, ATT	ORNEY, C	OR AG	ENT		
Firm Name	Davis Wright Tremaine LL	. Р	`					
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Printed name	Jane E. R. Potter	1	Z					
Date	August 8, 2005			Reg. No.	33,332			
CERTIFICATE OF TRANSMISSION/MAILING								
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Typed or printed	name Jessica Gaunt					Date	August 8, 2005	

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August 8, 2005

Date

Jeraia Gaunt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Alexander J. Pallenberg

Application No. : 10/517,569

Filed : December 9, 2004

For : SINGLET OXYGEN PHOTOSENSITIZERS ACTIVATED BY

TARGET BINDING ENHANCING THE SELECTIVITY OF

TARGETED PDT AGENTS

Docket No. : 59785-21

Date : August 8, 2005

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08 (copies of the cited references are enclosed). As to any reference supplied, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he/she is aware of which is believed relevant

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to the examination of the above-identified application, applicant believes that his/her invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application. No fee is due at this time in accordance with 37 C.F.R. § 1.97(b).

Respectfully submitted, Alexander J. Pallenberg DAVIS WRIGHT TREMAINE LLP

Jane E. R. Potter Registration No. 33,332

2600 Century Square 1501 Fourth Avenue Seattle, WA 98101-1688 Phone: (206) 628-7650 Facsimile: (206) 628-7699 Receipt date;

Sheet 1

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/517,569				
Filing Date	December 9, 2004				
First Named Inventor	A. J. Pallenberg				
Art Unit					
Examiner Name					
Attorney Docket Number	59785-21				

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Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevent Passages or Relevar Figures Appear
		Number-Kind Code ^{2 (FAncoun)}			Figures Appear
/MA/		^{US-} 6,456,734	09-24-2002		
1		^{US-} 6,416,953	07-09-2002		
		US- 6,316,652	11-13-2001		
		US- 6,274,552	08-14-2001		
		^{US-} 6,271,359	08-07-2001		
		US- 6,253,872	07-03-2001		
_		US- 6,139,865	10-31-2000		
		US- 6,131,570	10-17-2000		
		US- 6,120,751	09-19-2000		
		^{US-} 6,071,495	06-06-2000		
		US- 6,060,082	05-09-2000		
$\neg \vdash$		^{US-} 6,048,736	04-11-2000		
		^{US-} 6,039,975	03-21-2000		
-		US- 6,036,941	03-14-2000	-	
		us- 6,004,534	12-21-1999		
		US- 5,972,366	10-26-1999		
1/		^{US-} 5,900,252	05-04-1999		
V		^{US-} 5,895,307	04-20-1999		
/MA/		US- 5,840,674	11-24-1998		

	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passeges	Γ
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/MA/		WO-97/39008 A	10-23-1997			
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(Use as many sheets as necessary)

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	Application Number	10/517,569	
į	Filing Date	December 9, 2004	
	First Named Inventor	A. J. Pallenberg	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	59785-21	

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (F Innown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/MA/	\vdash	US- 5,759,542	06-02-1998		
		^{US-} 5,709,874	01-20-1998		
		US- 5,708,137	01-13-1998		
		US- 5,595,726	01-21-1997		
		^{US-} 5,171,749	12-15-1992		
\[\(\)		^{US-} 4,996,143	02-26-1991		
V		^{US-} 4,351,760	09-28-1982		
/MA/		us- 3,996,345	12-07-1976		
		US-			

		FORE	GN PATENT DOCU	MENTS		
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Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	_
Initials* No.1 the item (book, magazine, journal		the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MA/		WILSON, Journal of Craniofacial Surgery, 14:278-283, 2003.	
		ZHENG ET AL., Molecular Imaging, 1(3):223-224, 2002.	
		ACHILEFU ET AL., Proceedings of SPIE, 4156:69-78, 2001.	
		CARTER ET AL., PNAS, 98(21):11879-11884, 2001.	
		Breast Cancer Scanners Get More Sensitive, http://optics.org.articles.news/7/3/32/1, 2001.	
		BRAUMAN, Science, 290:286-287, 2000.	
		SINCLAIR, The Scientist, 19-21, 2000.	
		BELGRADER ET AL., Science, 284:449-450, 1999.	
$\sqrt{}$		VET ET AL., Proc. Natl. Acad. Sci. USA, 96:6394-6399, 1999.	
/MA/		DOUGHERTY ET AL., J. of the Natl. Canc. Inst., 90(12):889-905, 1998.	

Examiner Date 08/31/2009 /Maury Audet/ Signature Considered

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Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MA/		PIATEK ET AL., Nature Biotechnology, 16:359-363, 1998.	
1		GRUENHEID ET AL., J. Exp. Med., 185(4):717-730, 1997.	
İ		MANKERTZ ET AL., Biochemical and Biophysical Research Communications, 240:112-115, 1997.	
		WITTWER ET AL., BioTechniques, 22(1):130-138, 1997.	
T		YUMITA ET AL., Cancer Letters 112:79-86, 1997.	
		HEID ET AL., Genome Research, 6:986-994, 1996.	
		UMEMURA ET AL., Ultrasonics Sonochemistry, 3:S187-S191, 1996.	
		PITTET ET AL., Nucl. Med. Biol., 22(3):355-365, 1995.	
$\sqrt{}$		BAKKER-WOUDENBERG ET AL., Journal of Drug Targeting, 2:363-371, 1994.	
/MA/		CHU ET AL., Journal of Immunology, 1538-1545, 1994.	

Examiner Date 08/31/2009 /Maury Audet/ Signature Considered EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE	Filing Dat	December 9, 2004			
STATEMENT BY APPLICANT	First Named Inventor	A. J. Pallenberg			
	Art Unit				
(Use as many sheets as necessary)	Examiner Name				
Sheet 6 4 5	Attorney Docket Number	50785-21			

Cite			
No.1	Include name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), tille of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	HAMBLIN ET AL., Journal of Photochemistry and Photobiology, 26:45-56, 1994.		
	BAEYER ET AL., International Journal of Clinical Pharmacology, Therapy and Toxicology, 31(8):382-386, 1993.		
	BETAGERI ET AL., J. Pharm. Pharmacol., 45:48-53, 1993.		
	NORTH ET AL., Blood Cells, 18:129-140, 1992.		
	TABAS ET AL., Journal of Cell Biology, 115(6):1547-1560, 1991.		
	RAKESTRAW ET AL., Proc. Natl. Acad. Sci. USA, 87:4217-4221, 1990.		
	HERMAN, Methods in Cell Biology, 30:219-243, 1989.		
	KREIMER-BIRNBAUM, Seminars in Hematology, 26(2):157-173, 1989.		
	YUMITA ET AL., Jpn. J. Hyperthermic Oncol., 3(2):175-182, 1987.		
		HAMBLIN ET AL., Journal of Photochemistry and Photobiology, 26:45-56, 1994. BAEYER ET AL., International Journal of Clinical Pharmacology, Therapy and Toxicology, 31(8):382-386, 1993. BETAGERI ET AL., J. Pharm. Pharmacol., 45:48-53, 1993. NORTH ET AL., Blood Cells, 18:129-140, 1992. TABAS ET AL., Journal of Cell Biology, 115(6):1547-1560, 1991. RAKESTRAW ET AL., Proc. Natl. Acad. Sci. USA, 87:4217-4221, 1990. HERMAN, Methods in Cell Biology, 30:219-243, 1989. KREIMER-BIRNBAUM, Seminars in Hematology, 26(2):157-173, 1989.	

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